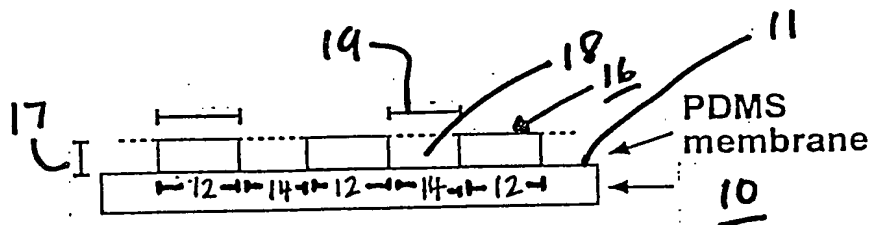
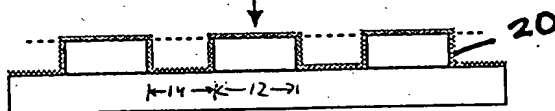


(a)



add FN solution

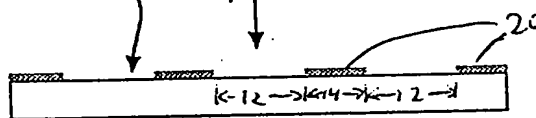
(b)



bare substrate

1. rinse with PBS
2. peel membrane

(c) patterned FN

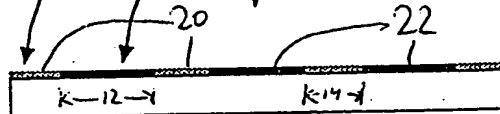


FN

BSA

expose to BSA

(d)



BSA

expose to cells

(e)

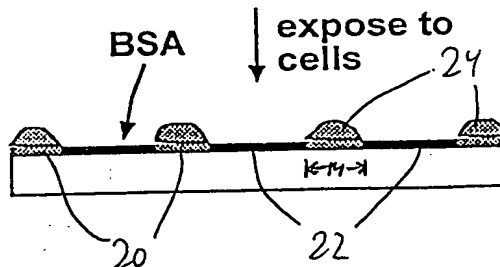


FIG. 1

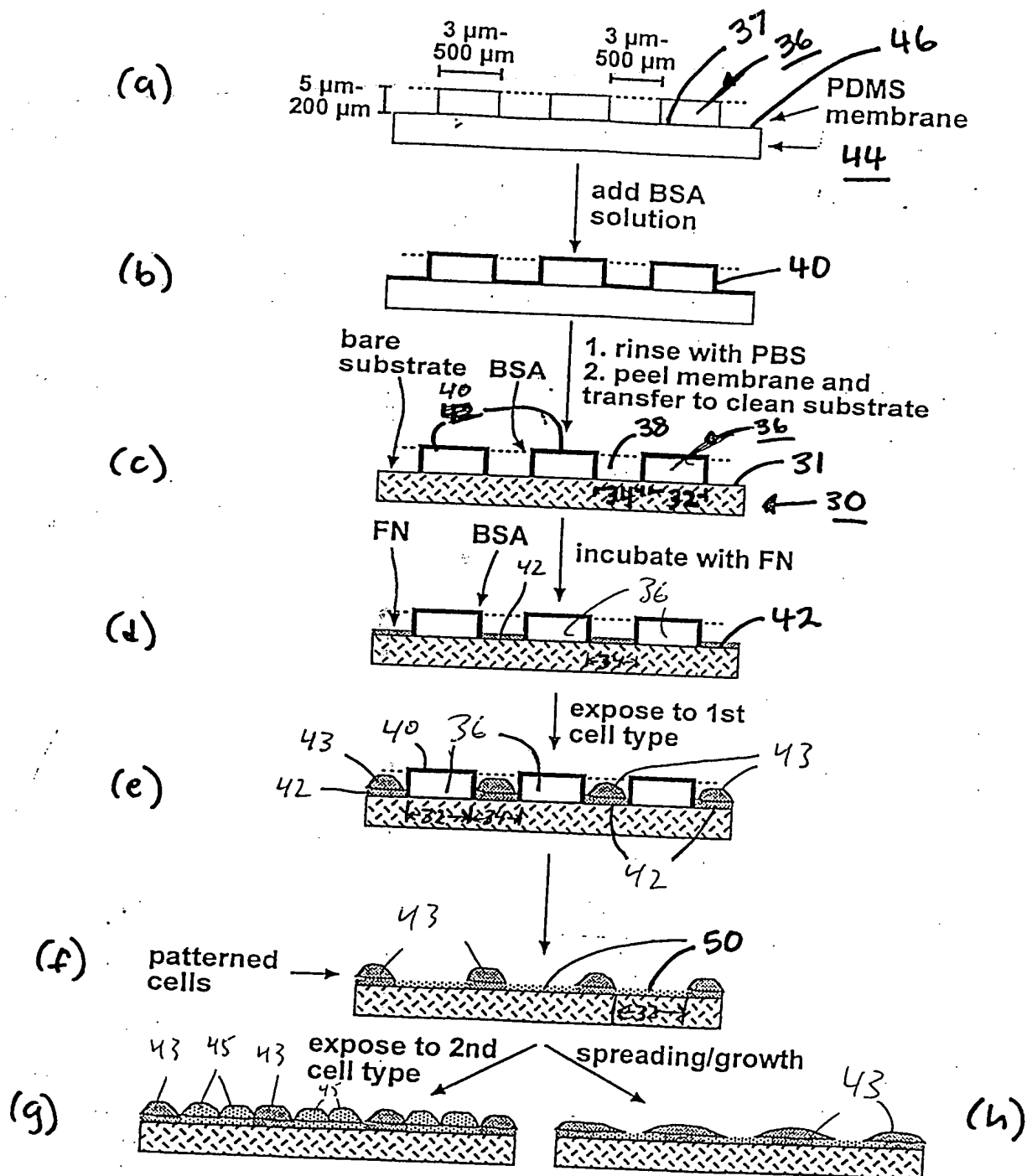


FIG. 2

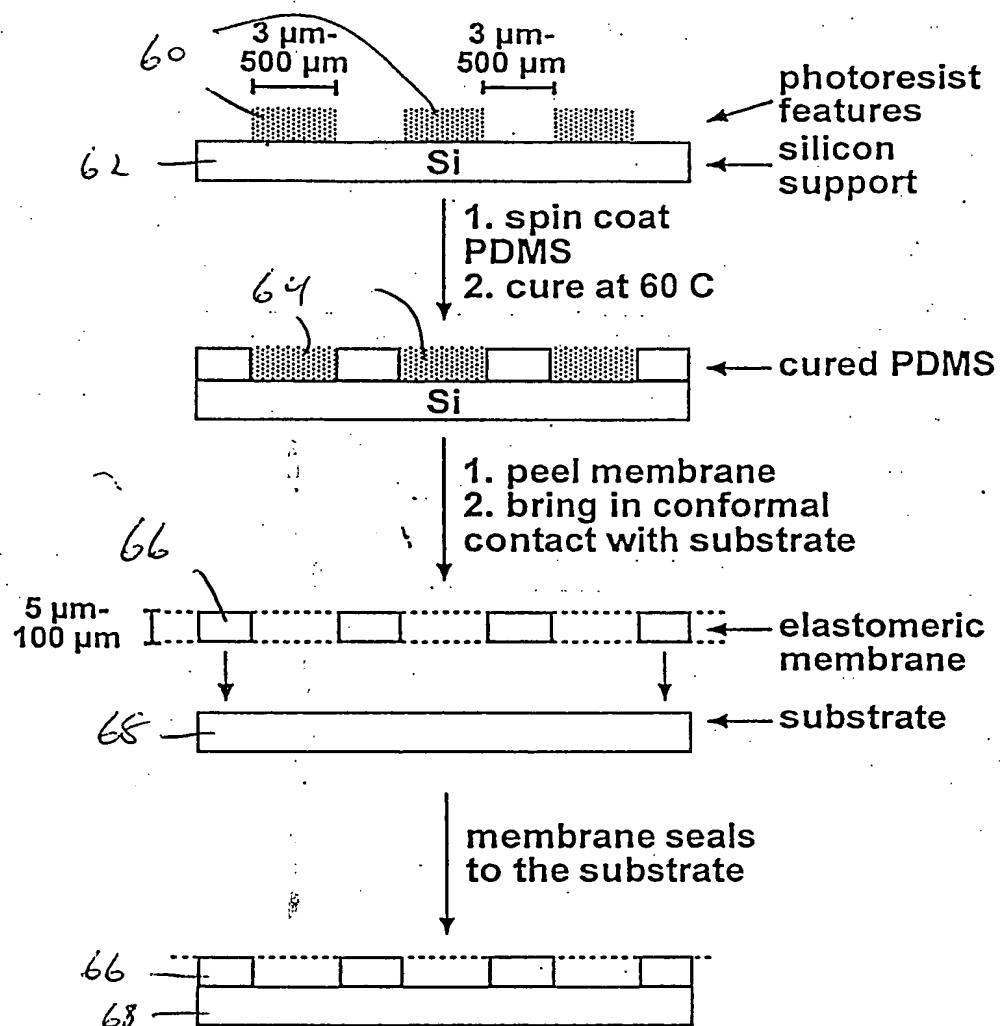


FIG. 3

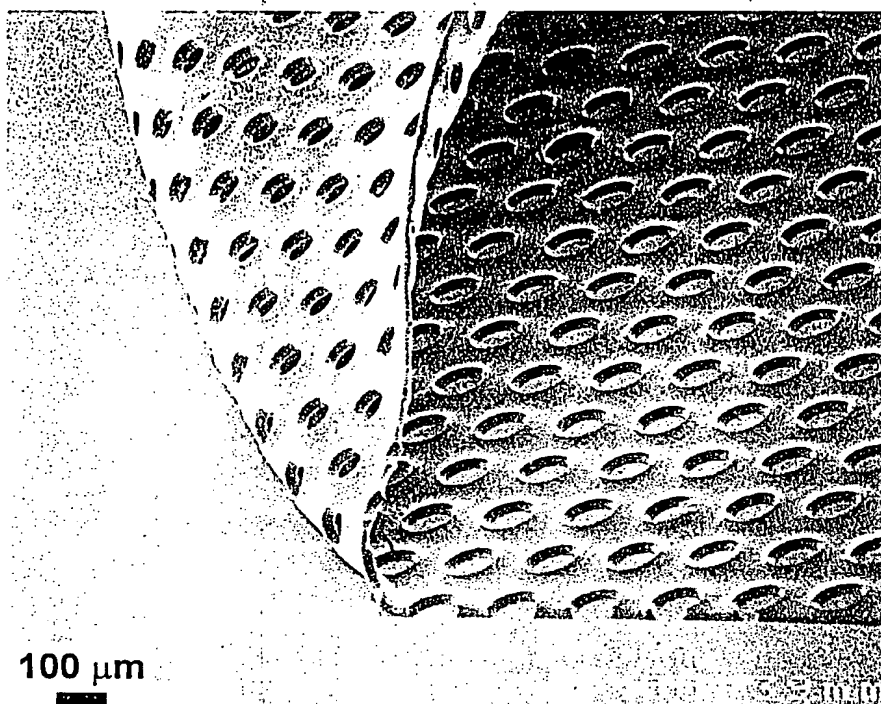


FIG. 4

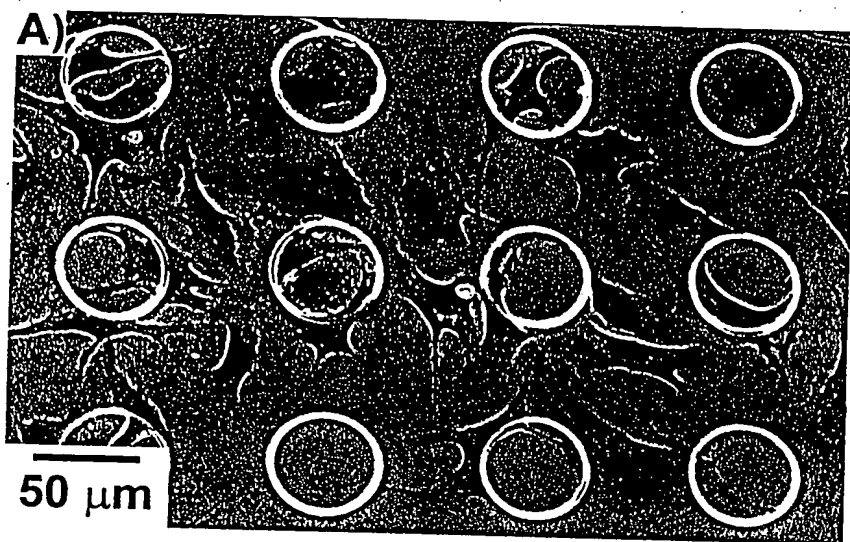


FIG. 5A

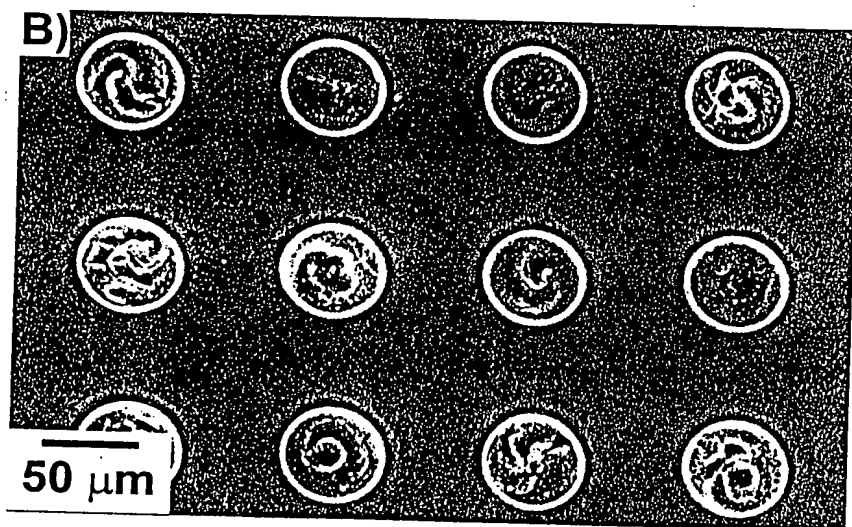


FIG. 5B

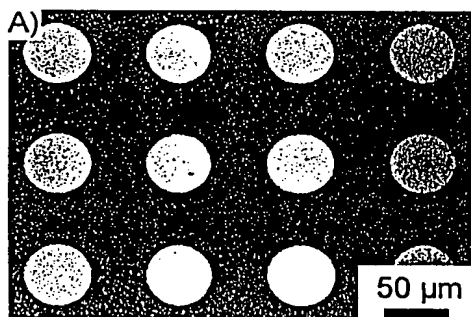


Fig. 6a

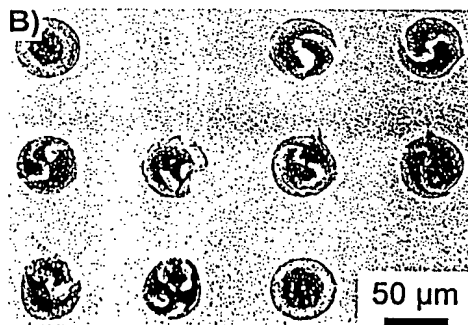
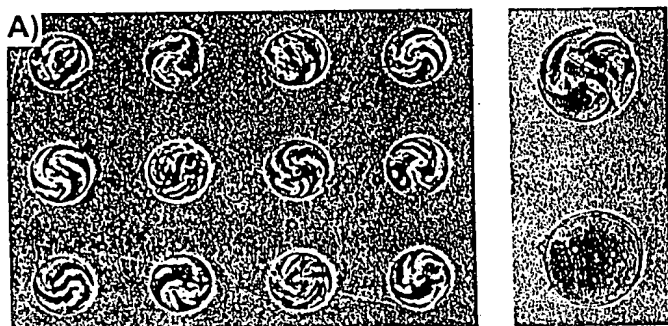


Fig. 6b



100 μ m

Fig. 7a

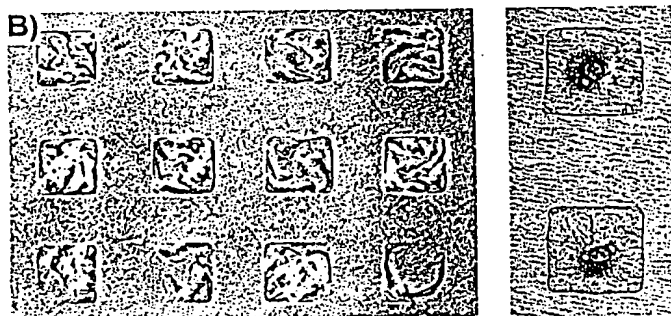


Fig. 7b

A)



250 μ m, A-B

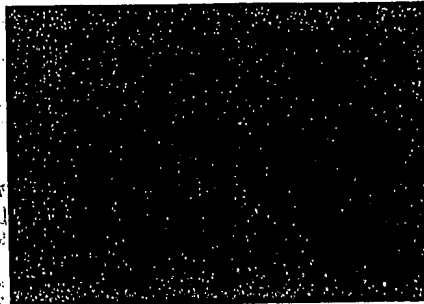


Fig. 8a

B)

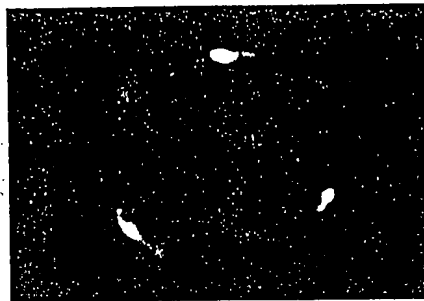
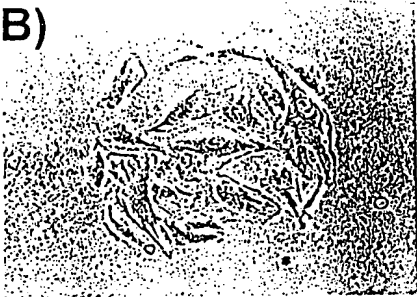
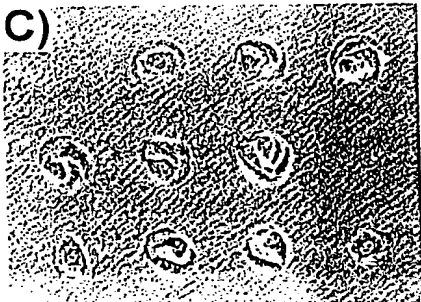


Fig. 8b

C)



100 μ m, C-D

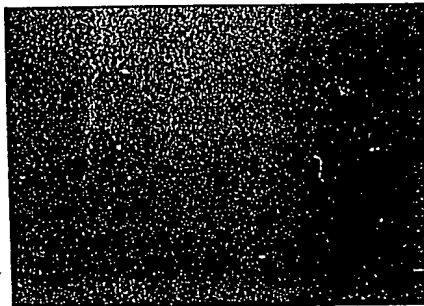
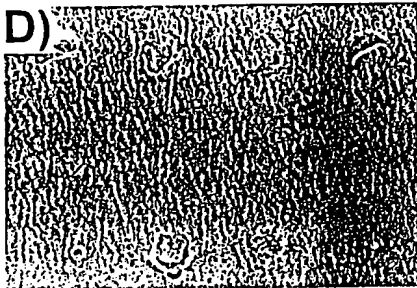


Fig. 8c

D)



300 μ m, E

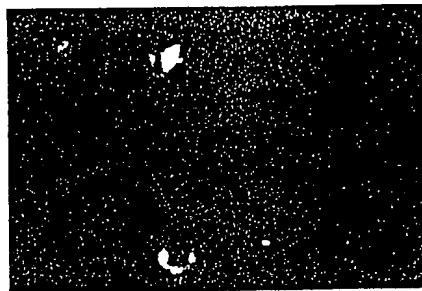


Fig. 8d

E)

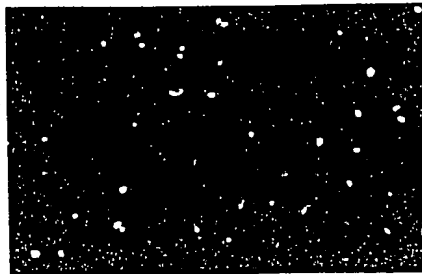
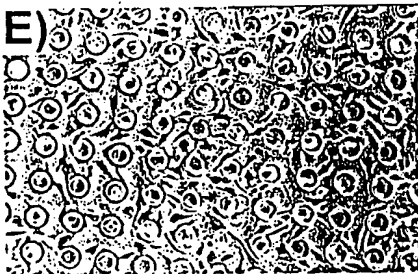
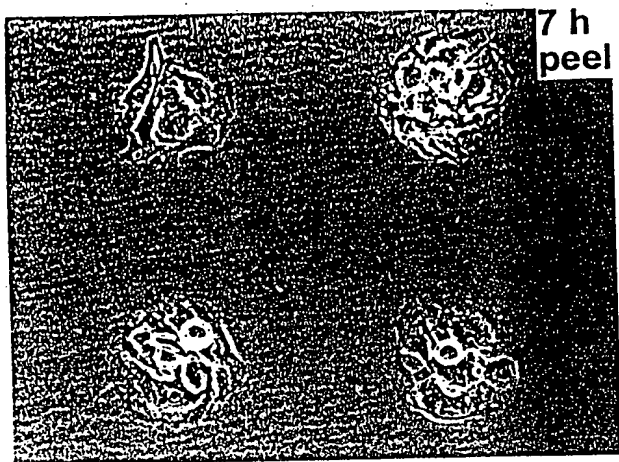
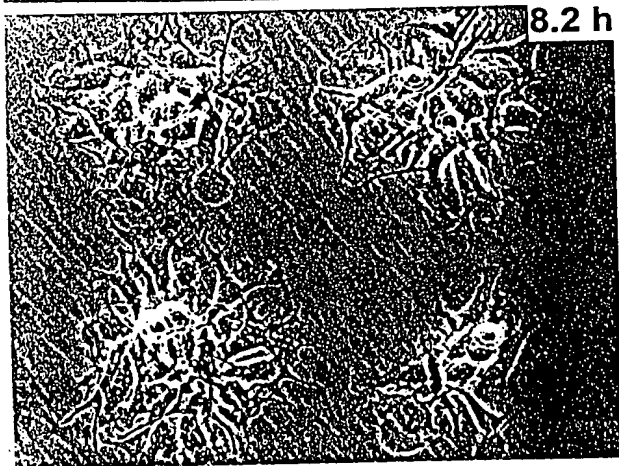


Fig. 8e



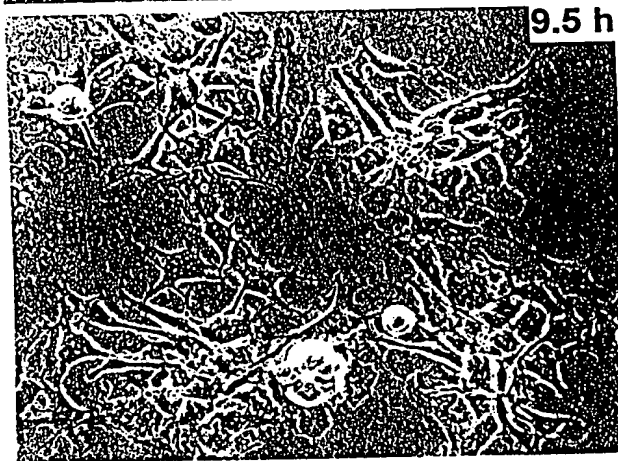
7 h
peel

Fig. 9a



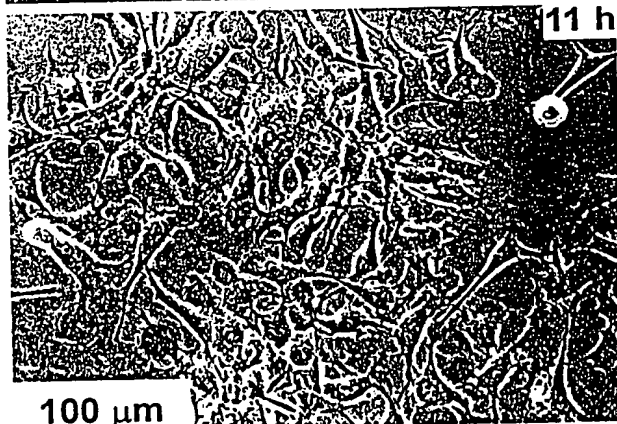
8.2 h

Fig. 9b



9.5 h

Fig. 9c



11 h

100 μ m

Fig. 9d